Contents of Volume 54

No. 1

D.I. Smith and J.H. Mills *(U.S.A.)*
Low-frequency component of the gerbil brainstem response: response characteristics and anesthesia effects 1

R.V. Harrison, A. Nagasawa, D.W. Smith, S. Stanton and R.J. Mount *(Canada)*
Reorganization of auditory cortex after neonatal high frequency cochlear hearing loss 11

B.R. Bancroft, F.A. Boettcher, R.J. Salvi and J. Wu *(U.S.A.)*
Effects of noise and salicylate on auditory evoked-response thresholds in the chinchilla 20

D. Drenckhahn, C. Merte, M. Von Düring, J. Smolders and R. Klinke *(F.R.G.)*
Actin, myosin and alpha-actinin containing filament bundles in hyaline cells of the caiman cochlea 29

V. Hoeffding and L.D. Fechter *(U.S.A.)*
Unusual morphology of the stria vascularis in pigmented strain 2/NCR guinea pigs 39

R.B. Patuzzi and M.L. Thompson *(Australia)*
Cochlear efferent neurones and protection against acoustic trauma: Protection of outer hair cell receptor current and interanimal variability 45

J.J. Prieto, J. Rueda, M.E. Rubio and J.A. Merchán *(Spain)*
Pilocarpine elicits the interdental cell secretory activity of the inner ear 59

Z.D. Jiang, M.S. Zheng, D.K. Sun and X.Y. Liu *(Peoples' Republic of China)*
Brainstem auditory evoked responses from birth to adulthood: Normative data of latency and interval 67

A. EL Barbary *(U.S.A.)*
Auditory nerve of the normal and jaundiced rat. I. Spontaneous discharge rate and cochlear nerve histology 75

A. EL Barbary *(U.S.A.)*
Auditory nerve of the normal and jaundiced rat. II. Frequency selectivity and two-tone rate suppression 91

C.D. Geisler *(U.S.A.)*
A cochlear model using feedback from motile outer hair cells 105

K. Ikeda and T. Morizono *(Japan, U.S.A.)*
The ionic and electric environment in the endolymphatic sac of the chinchilla: Relevance to the longitudinal flow 118

B.I. Tarnowski, R.A. Schmiedt, L.I. Hellstrom, F.S. Lee and J.C. Adams *(U.S.A.)*
Age-related changes in cochleas of mongolian gerbils 123

R.P. Bobbin, G. Ceasar and M. Fallon *(U.S.A.)*
Changing cation levels (Mg^{2+}, Ca^{2+}, Na^{+}) alters the release of glutamate, GABA and other substances from the guinea pig cochlea 135

W.J. Doyle and D.B. Webster *(U.S.A.)*
Neonatal conductive hearing loss does not compromise brainstem auditory function and structure in rhesus monkeys 145

Announcements 152

No. 2

J.O. Pickles, M. Von Perger, G.W. Rouse and J. Brix *(Australia, U.K., F.R.G.)*
The development of links between stereocilia in hair cells of the chick basilar papilla 153

D.D. Greenwood *(Canada)*
Critical bandwidth and consonance in relation to cochlear frequency-position coordinates 164

D.D. Greenwood *(Canada)*
Critical bandwidth and consonance: Their operational definitions in relation to cochlear nonlinearity and combination tones 209

E. Scarfone, M. Ulfendahl, L. Figueroa and Å. Flock *(Sweden, France, U.S.A.)*
Anaesthetics may change the shape of isolated Type I hair cells 247

P.A. Leake, G.T. Hradek, S.J. Rebscher and R.L. Snyder *(U.S.A.)*
Chronic intracochlear electrical stimulation induces selective survival of spiral ganglion neurons in neonatally deafened cats 251

M. Hultcrantz, R. Snyder, S. Rebscher and P. Leake *(U.S.A.)*
Effects of neonatal deafening and chronic intracochlear electrical stimulation on the cochlear nucleus in cats 272

R.A. Code and L. Churchill *(U.S.A.)*
$GABA_A$ receptors in auditory brainstem nuclei of the chick during development and after cochlea removal 281

W.-y. Gao, D.-l. Ding, X.-y. Zheng and F.-m. Ruan *(Peoples Republic of China)*
Changes in the stereocilia and non-monotonic pattern of threshold shift after exposure to impulse noise 296

W.F. Decraemer, S.M. Khanna and W.R.J. Funnell *(Belgium, U.S.A., Canada)*
Malleus vibration mode changes with frequency 305

Contents to Volume 54 319

Author Index 321

Subject Index 323

Announcements 328